

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Applicant: Martin Bacher et al.
Filed: Herewith
For: ELECTRONIC TRANSMITTER/RECEIVER

INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, pending applications, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed except for: (a) pending applications or (b) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. 120:

Serial No.: _____
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Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

- (a) X Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.
- (b) X Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):

- (a) X Within 3 months of the filing date or date of entry into the National Stage.
- (b) _____ Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 50-1733 for consideration of this Statement.
- (c) _____ Before the mailing date of a first Office Action after the filing of a request for continued examination under 37 C.F.R. 1.114.

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App. for use through 7/31/2006 OMB 0651-0031

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Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete If Known	
				Application Number	10/502037
				Filing Date	
				First Named Inventor	Martin Bacher et al.
				Group Art Unit	
Examiner Name					
Sheet	1	of	1	Attorney Docket No.	LLP134WOUS

U.S. PATENT DOCUMENTS						
Exam. Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	5,438,590		Tzukerman et al.	08/01/1995	Entire Document
	AB	5,812,601		Schramm	09/22/1998	Entire Document
	AC	2001/0034868	A1	El-Gamal et al.	10/25/2001	Entire Document
	AD					
	AE					
	AF					

FOREIGN PATENT DOCUMENTS								
Exam. Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ² (if known)				
	BA	EP	1 089 440	A1	Telefonaktiebolaget LM	04/04/2001	Entire Document	
	BB	DE	100 48 872	A1	Infineon Technologies AG	04/25/2002	Entire Document	✓
	BC	DE	195 24 556	A1	Bosch GMBH Robert	01/16/1997	Entire Document	✓
	BD	EP	0 301 161	B1	Ant Nachrichtentech	02/01/1989	Entire Document	✓

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Exam. Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	CA	"HIPERLAN type 2 for broadband wireless communication", JAMSHID KHUN-JUSH, GÖRAN MALMGREN, PETER SCHRAMM and JOHAN TORSNER, Ericsson Review No. 2, 2000, pp. 108-119.		
	CB	IEEE Std 802.11a-1999 (Supplement to IEEE Std 802.11-1999), Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: High-speed Physical Layer in the 5 GHZ Band, 90 pgs.		
	CC	Technical Specification ETSI TS 101 761-1, V1.3.1 (2001-12) "Broadband Radio Access Networks (BRAN); HIPERLAN Type 2, European Telecommunications Standards Institute, 2001, 88 pgs.		
	CD	International Search Report, Int'l. Application PCT/DE03/00035, 3 pgs.		
	CE			

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

US and Foreign Patent Documents: ¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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